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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant : Robertson, et al.  
Filing Date : Concurrently Herewith  
International Appln. No. : PCT/GB03/01284  
International Filing Date : 26 March 2003  
Priority Date(s) : 28 March 2002  
For : MEDICAL IMAGING APPARATUS  
Attorney Docket No. : MC1-7307

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**INFORMATION DISCLOSURE STATEMENT**

Sir:

This information disclosure statement is being filed to fulfill the duty of candor and good faith toward the Patent and Trademark Office in accordance with 37 CFR §1.56.

Copies of the items and PTO Form 1449 have been attached.

**U.S. PATENT DOCUMENTS**

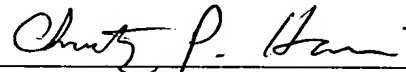
- U.S. Patent No. 3,622,888 (ROBERT, ET AL.)
- U.S. Patent No. 4,407,292 (EDRICH, JOCHEN)
- U.S. Patent No. 4,557,272 (CARR, KENNETH L.)
- U.S. Patent No. 4,774,961 (CARR, KENNETH L.)
- U.S. Patent No. 5,688,050 (STERZER, ET AL.)
- U.S. Patent No. 5,785,426 (WOSKOV, ET AL.)
- U.S. Patent No. 5,983,124 (CARR, KENNETH L.)

**OTHER DOCUMENTS**

- International Search report for PCT/GB03/01284 completed 11 July 2003
- ROGER APPLEBY, DAVID G. GLEED and RUPERT N. ANDERTON, *"High Performance Passive Millimetre Wave Imaging"*, Defence Research Agency, St. Andrews Rd., Gt. Malvern, Worcs WR14 3PS, UK. ALAN H. LETTINGTON, J.J. THOMSON, Physical Laboratory, Reading University, Whiteknights, PO Box 220, Reading, RG6 2AF, UK
- S. GABRIEL, R W LAU and C. GABRIEL, *"The Dielectric Properties of Biological Tissues: III. Parametric Models for the Dielectric Spectrum of Tissues"*, Physics Department, King's College, Strand, London WC2R 2LS, UK Phys. Med. Biol. 41 (1996) 2271-2293
- C. GABRIEL, S. GABRIEL and E. CORTHOUT, *"The Dielectric Properties of Biological Tissues: I. Literature Survey"*, Phys. Med. Biol. 41 (1996) 2231-2249
- S. GABRIEL, R. W. LAU and C. GABRIEL, *"The Dielectric Properties of Biological Tissues: II. Measurements in the Frequency Range 10 Hz to 10 GHz"*, Phys. Med. Biol. 41 (1996) 2251-2269
- ROBERT K. CACAK, DANIEL W. WINANS, JOCHEN EDRICH and WILLIAM R. HENDREE, *"Millimeter Wavelength Thermographic Scanner"*, Med. Phys. 8(4), July/August 1981
- B. BOCQUET, J.C. VAN DE VLEDE, A. MAMOUNI, Y. LEROY, G. GIAUX, J. DELANNOY and D. DELVALEE, *"Microwave Radiometric Imaging at 3 GHz for the Exploration of Breast Tumors"*, IEEE Transactions on Microwave Theory and Techniques, Vol. 38, No. 6, June 1990

- DAVID M. SHEEN, DOUGLAS L. MCMAKIN and THOMAS E. HALL,  
"Three-Dimensional Millimeter-Wave Imaging for  
Concealed Weapon Detection", IEEE Transactions on  
Microwave Theory and Techniques, Vol. 49, No. 9,  
September 2001

Respectfully submitted,



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Substitute for form 1449/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)				<b>Complete if Known</b>		
				Application Number		10/509509
				Filing Date		Herewith
				First Named Inventor		Duncan Alexander ROBERTSON
				Art Unit		
Examiner Name						
Sheet	2	of	2	Attorney Docket Number		MC1-7307

## NON PATENT LITERATURE DOCUMENTS

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published	T <sup>2</sup>
		International Search report for PCT/GB03/01284 completed 11 July 2003	
		ROGER APPLEBY, DAVID G. GLEED and RUPERT N. ANDERTON, "High Performance Passive Millimetre Wave Imaging", Defence Research Agency, St. Andrews Rd., Gt. Malvern, Worcs WR14 3PS, UK. ALAN H. LETTINGTON, J.J. THOMSON, Physical Laboratory, Reading University, Whiteknights, PO Box 220, Reading, RG6 2AF, UK	
		S. GABRIEL, R. W. LAU and C. GABRIEL, "The Dielectric Properties of Biological Tissues: III. Parametric Models for the Dielectric Spectrum of Tissues", Physics Department, King's College, Strand, London WC2R 2LS, UK Phys. Med. Biol. 41 (1996) 2271-2293	
		C. GABRIEL, S. GABRIEL and E. CORTHOUT, "The Dielectric Properties of Biological Tissues: I. Literature Survey", Phys. Med. Biol. 41 (1996) 2231-2249	
		S. GABRIEL, R. W. LAU and C. GABRIEL, "The Dielectric Properties of Biological Tissues: II. Measurements in the Frequency Range 10 Hz to 10 GHz", Phys. Med. Biol. 41 (1996) 2251-2269	
		ROBERT K. CACAK, DANIEL W. WINANS, JOCHEN EDRICH and WILLIAM R. HENDREE, "Millimeter Wavelength Thermographic Scanner", Med. Phys. 8(4), July/August 1981	
		B. BOCQUET, J.C. VAN DE VLEDE, A. MAMOUNI, Y. LEROY, G. GIAUX, J. DELANNOY and D. DELVALEE, "Microwave Radiometric Imaging at 3 GHz for the Exploration of Breast Tumors", IEEE Transactions on Microwave Theory and Techniques, Vol. 38, No. 6, June 1990	
		DAVID M. SHEEN, DOUGLAS L. MCMAKIN and THOMAS E. HALL, "Three-Dimensional Millimeter-Wave Imaging for Concealed Weapon Detection", IEEE Transactions on Microwave Theory and Techniques, Vol. 49, No. 9, September 2001	

Examiner Signature	Date Considered
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